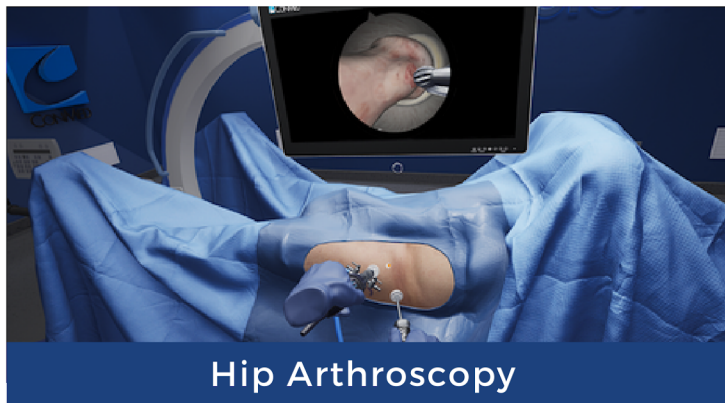


Surgery residents are getting less hands-on experience than ever, and it's affecting their confidence and autonomy. A significant percentage don't feel ready to independently perform core procedures upon residency completion,<sup>1</sup> and over 90% opt for an additional fellowship year. In an effort to address this, rather than increasing the quantity of cases, we should be increasing the quality of teaching both clinical and procedural skills. Representing a true breakthrough in surgical training, a medical-grade virtual reality (VR) platform authentically recreate OR experiences down to the smallest details, offering a deeper level of active and contextual learning.



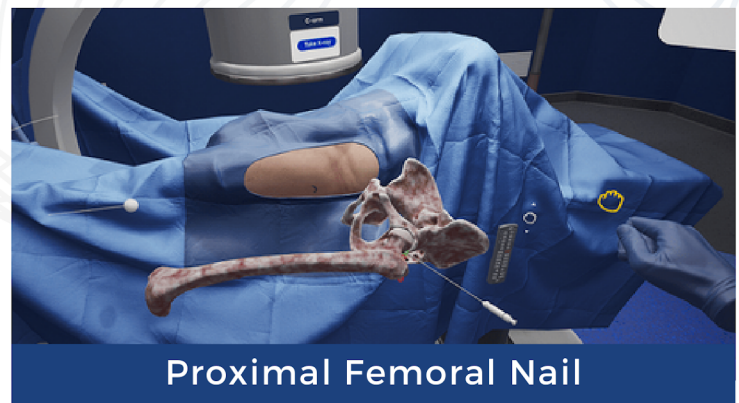
Hip Arthroscopy



Reverse Total Shoulder Arthroplasty



Revision Total Knee Arthroplasty



Proximal Femoral Nail

## The Future Of Surgical Training



**Enhanced Realism**  
in high-fidelity simulation



**Skills Aquisition**  
delibrate practice & feedback



**Cost Effective**  
convenient & scalable

Offering a modular virtual surgical training design incorporating proven learning theories to support competency-based training initiatives. Using accurate simulations that recreate actual OR experiences in surgical training simulators, it creates a depth of understanding by bridging the gap between actual pathology and imaging for true case-based learning. Deliver more cost-effective and accessible training on demand, anywhere, anytime. Augment existing bioskills training with high-fidelity VR to train more surgeons, faster.

## Fundamentals

1. Anatomy
2. Basic Arthroscopy Skills
3. Humeral Neck Cut
4. Tibial Resection
5. Knee Range Of Motion

## Trauma

6. Proximal Femoral Nail
7. Retrograde Femoral Nail
8. Distal Radius Closed Reduction And Percutaneous Pinning
9. Cardiopulmonary Resuscitation (CPR)
10. Tension Pneumothorax

## Spine

11. Non-Operative Spine
12. Lateral Interbody Fusion

## Shoulder And Elbow

13. Glenoid Exposure
14. Anatomic Total Shoulder Arthroplasty (Humerus)
15. Reverse Total Shoulder Arthroplasty (Including 8 Different Glenoid Cases)
16. Deltopectoral Approach

## Sports

17. Diagnostic Knee Arthroscopy
18. Arthroscopic ACL Reconstruction
19. Arthroscopic Rotator Cuff Repair
20. Hip Arthroscopy
21. All Inside ACL Reconstruction

## Hip And Knee Reconstruction

22. Direct Anterior Total Hip Arthroplasty
23. Revision Total Knee Arthroplasty (Includes 9 Cases Containing Different Combinations Of Tibial And Femoral Pathologies)
24. Robotic Primary Total Knee Arthroplasty

## Pediatrics

25. Slipped Capital Femoral Epiphysis
26. Vertebral Body Tethering (VBT)
27. General Surgery
28. Sleeve Gastrectomy

